The Human Body

Investigations 3- 5 Study Guide

Grade 3

Investigation 3: The Respiratory System

1. Your lungs move air in and out of your body.
2. The trachea moves air from the nose and mouth into your bronchi.
3. The bronchi moves air from the trachea into the lungs.
4. The respiratory system includes the lungs, bronchi, trachea, nose and mouth.
5. You breathe faster when you exercise because your muscles need extra oxygen.
6. You breathe in oxygen and breathe out carbon dioxide.

Investigation 4: The Circulatory System

1. The heart is a muscular organ that pumps blood through the whole body.
2. The circulatory system is made up of your heart and blood vessels.
3. Blood brings oxygen and nutrients to your cells.
4. There are two types of blood vessels: arteries and veins.
5. Arteries carry blood AWAY from the heart.
6. Veins move blood TO the heart.

Investigation 5: The Digestive System

1. The digestive system breaks down food so it can be transported to the rest of the body.
2. The **mouth** allows us to chew our food.
3. The **esophagus** connects the throat to our stomach.
4. The **stomach** mixes the food until it forms a liquid.
5. The **small intestine** gives our body nutrients from the liquid that passes into the blood.
6. The food the body cannot use goes into the **large intestine**.

Things to Know

* Lab Learner Vocabulary - P.20, 34, 46-47
* The Parts of Each System (Respiratory, Digestive, Circulatory)
* Be able to label the organs in the systems
* Order of the Digestive System

Short Answer

* Be able to explain how food goes through the digestive system.
* How does the respiratory system work?